



FORM PTO-1449 (Rev. 2-32)	U. S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0004494	Serial No. 10/667,628
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several Sheets is Necessary)		Applicant: Mats A. Brenner	
		Filing Date: September 22, 2003	Group:

U. S. PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FHM	1.	6,313,789	11/06/2001	Zhodzishsky et al.			06/10/99
FHM	2	6,407,699	06/18/2002	Yang			04/14/00
FHM	3.	6,219,373	04/17/2001	Lee et al.			06/15/98
FHM	4.	6,295,024	09/25/2001	King et al.			02/19/99
FHM	5.	6,121,923	09/19/2000	King			02/19/99

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Examiner Initials	Document
FHM	6. "Category I Local Area Augmentation System Ground Facility", Specification FAA-E- 2937 A; United States Department of Transportation Federal Aviation Administration, April 17, 2002.
FHM	7. Ward, Phillip, "Effects of RF Interference On GPS Satellite Signal Receiver Tracking," Understanding GPS Principles and Applications, Chapter 6, pp. 209-236, 1996.
FHM	8. Jakab, A., "An Approach to GPS Satellite Failure Detection," NovAtel Inc.
FHM	9. Hartman, Randy, "LAAS Government Industry Partnership (GIP)," Honeywell International Inc.

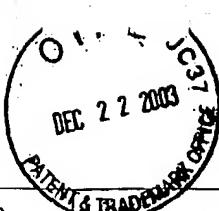
McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive, Suite 3200
Chicago, IL 60606
Telephone: (312) 913-0001
Facsimile: (312) 913-0002

Best Available Copy

FHM	10.	Hartman, Randy, "Precision Approach Using Differential GPS," Honeywell International Inc.
FHM	11.	Ray, J.K., et al., "Characterization of GPS Carrier Phase Multipath," Department of Geomatics Engineering, university of Calgary, Alberta, Canada, ION NTM-99, San Diego, January 25-27, 1999.
FHM	12.	Maurer, M. et al., "Advanced Receiver Technology For Existing and Future Satellite Navigation Systems," International Journal of Satellite Communications, 2000; 18: pgs 347-364.
FHM	13.	Upadhyay, Triveni et al., "Test Results on Mitigation of SATCOM-Induced Interference to GPS Operation," http://www1.faa.gov/and/and300/datalink/dlsys/satcom.htm , printed 2/4/03.
FHM	14.	"About the Radio Frequency Interference Monitoring System (RFIMS)," Institute For Telecommunications Sciences, http://www.its.bldrdoc.gov/home/programs/rfims/rfims.html , printed May 2003.
FHM	15.	Legrand, Fabrice et al., "Real-Time Minimization of the Total Tracking Error In Phase and Delay Lock Loops - A Second Approach of the Fast Adaptive Bandwidth Algorithm," http://www.recherche.enac.fr/ltst/papers/ion_am_01.pdf , printed May, 2003.
FHM	16.	Saarnisaari, Harri, "Phase Interference Extractor Interference Canceller In DS/SS Code Synchronization," http://www.cwc.oulu.fi/home/projects/AWICS/awics_pub/2000/harri_saarnisaari_euroco00.pdf , printed 3/17/03.
FHM	17.	Landry, Rene Jr. et al., "Analysis of Potential Interference Sources and Assessment of Present Solutions For GPS/GNSS Receivers," 4 th Saint-Petersburg on INS, May 26-28, 1997.
FHM	18.	Ali-Ahmad, Walid, Ph.D., "RF System Issues Related to CDMA Receiver Specifications," RF Standards, September 1999.
FHM	19.	"Adaptive Interference Cancellation : The Latest Weapon Against Interference," http://www.cyberrf.com/appnote/canc/cancAppnote2.htm , printed February 4, 2003, pgs 1-5.
FHM	20.	Butsch, Felix, "Innovation: A Growing Concern Radiofrequency Interference and GPS," GPS World, October 2002.
FHM	21.	Macabiau, Christophe et al., "Use of MultiCorrelator Techniques For Interference Detection," http://www.recherche.enac.fr/ltst/papers/ion_ntm_2001_interf.pdf , printed 3/17/03.
FHM	22.	Bastide, Frederic et al., "GPS Interference Detection and Identification Using Multicorrelator Receivers," http://www.recherche.enac.fr/ext/ltst/papers/ion_gps_01.pdf , printed on 3/10/03.
FHM	23.	Maenpa, Jon E. et al., "New Interference Rejection Technology From Leica," Leica Geosystems Inc., September 1997.

McDonnell Boehnen Hulbert & Berghoff
 300 South Wacker Drive, Suite 3200
 Chicago, IL 60606
 Telephone: (312) 913-0001
 Facsimile: (312) 913-0002

Best Available Cop



PHM	24.	Ober, P.B. et al., "The Suitability of GPS For Basic Area Navigation," 10 th International Technical Meeting of the Satellite Division of the Institute of Navigation, ION GPS-97, September 16-19, 1997.
PHM	25.	Volpe, John A., "Vulnerability Assessment of the Transportation Infrastructure Relying On the Global Positioning System," Final Report, U.S. Department of Transportation, August 29, 2001.
PHM	26.	Gromov, Konstantin, "GIDL: Generalized Interference Detection and Localization System," Dissertation submitted to the Department of Aeronautics and Astronautics and the Committee on Graduate Studies of Stanford University in partial fulfillment of the requirements for the degree of Doctor of Philosophy, March 2002.
PHM	27.	Phlets, Robert Eric, "Multicorrelator Techniques For Robust Mitigation of Threats to GPS Signal Quality," A dissertation submitted to the department of mechanical engineering and the committee of graduate studies of Stanford University in partial fulfillment of the requirements for the degree of Doctor of Philosophy, June 2001.

EXAMINER	<i>J H Mull</i>	DATE CONSIDERED	<i>6-18-04</i>
----------	-----------------	-----------------	----------------



McDonnell Boehnen Hulbert & Berghoff
 300 South Wacker Drive, Suite 3200
 Chicago, IL 60606
 Telephone: (312) 913-0001
 Facsimile: (312) 913-0002

Best Available Copy